



**ARROW**  
**SUSPENSION**

OWL INSTALL GUIDE

# **2015-UP MERCEDES SPRINTER 4X4, AWD BUMP STOP KIT**

UPDATED FALL 2025

# NOTES

For the most up-to-date and current installation instructions, please visit our website at

**[www.owlvans.com](http://www.owlvans.com)**

- Please read all instructions carefully before installing Owl products on your vehicle.
- This is a bolt-on kit designed for easy installation using basic hand tools.
- This kit is fully removable, allowing the vehicle to be returned to its original stock configuration if desired.

# PARTS LIST

2015-Up, Mercedes Sprinter 4x4, AWD Bump Stops

PART	P/N	QTY.	✓
MERCEDES SPRINTER 4x4 / AWD, BUMP STOP	SP-BUMP-FSTD	2	
M8-1.25 X 20MM LONG HEX HEAD BOLT		2	
M8 FLAT WASHER, CLEAR ZINC		2	
BLUE LOCTITE, 2ML TUBE		1	

# TOOLS NEEDED

1. Quality jack and two jack stands
2. Basic hand tools:
  - Wrench and socket set, including:
  - Metric sizes: 13mm
3. Torque wrench (Final torque: 15 ft-lbs)

# INSTALLATION

These instructions show installation on the driver's (left-hand) side. Passenger side installation is similar; any differences will be noted in the steps.

## 1.

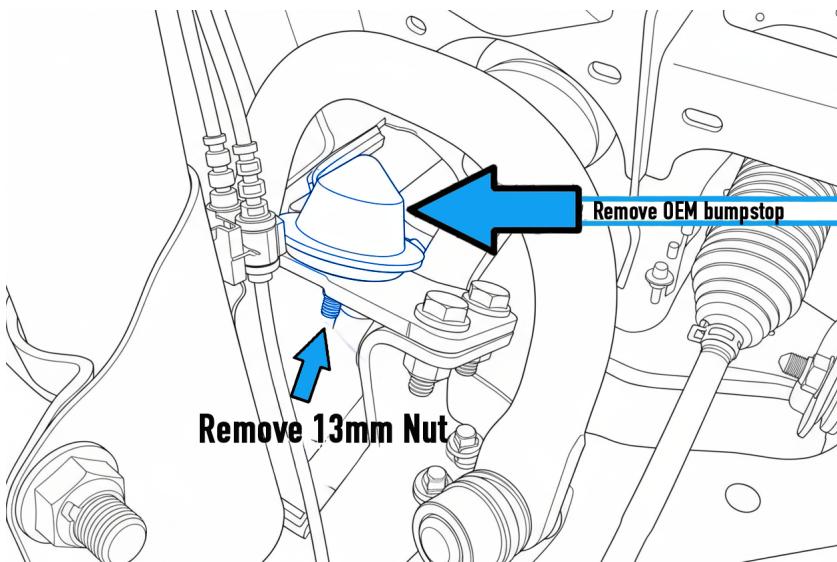
Loosen lug bolts then safely support the vehicle on an appropriate lift or jack stands so the front suspension can hang freely. Ensure the support method follows the vehicle manufacturer's specifications.

## 2.

With the suspension supported, remove the front wheels and tires. Factory lug bolts typically have a 19mm head.

## 3.

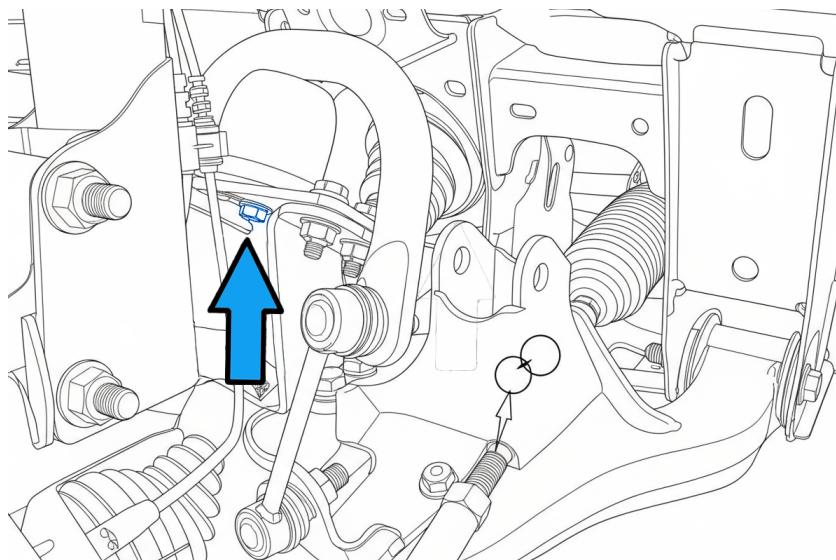
Locate the **OEM front bump stop**, which is secured to the chassis with a **13mm nut**. Remove the nut using a **13mm socket or ratcheting wrench**, then detach the bump stop from the chassis. Retain the hardware for potential reinstallation.



**4.**

Install the **new Bump Stop** into the same chassis location where the factory bump stop was removed.

- a. Note: Two mounting holes are present in the chassis. **Use the outer hole** (the one closest to the tire) for correct alignment.
- b. Place the **supplied washer** under the head of the bolt.
- c. Secure the Bump Stop using the **included M8-1.25 x 20mm hex head bolt**. Apply a small amount of **blue Loctite® (medium strength)** to the bolt threads before installation.
- d. Torque the bolt to **15 ft-lbs (20 N·m)** using a **13mm socket**.  
Repeat the process on the **passenger side** of the vehicle.



**CONGRATS!**  
**YOUR INSTALLATION IS COMPLETE.**

**RELEASE OF LIABILITY**

I, the customer, do hereby release and forever discharge Owl Vans LLC, their agents, employees, successors and assigns, and their respective heirs, personal representatives, affiliates, successors and assigns, and any and all persons, firms or corporations liable or who might be claimed to be liable, whether or not herein named, from any and all claims, demands, damages, actions, causes of action or suits of any kind or nature whatsoever, whether known or unknown, fixed or contingent, which I now have or may hereafter have or claim to have, as a result of or in any way relating to the following: Parts sold & installed by Owl Vans LLC or parts sold & installed by end-user; any parts sold online, any parts sold online or installed by a re-seller, any parts installed by an installation shop.

It is understood and agreed that this payment is made and received in full and complete settlement and satisfaction of the aforesaid actions, causes of action, claims and demands; that this Release contains the entire agreement between the parties; and that the terms of this Agreement are contractual and not merely a recital.

Furthermore, this Release shall be binding upon the undersigned, and his respective heirs, executors, administrators, personal representatives, successors and assigns. This Release shall be subject to and governed by the laws of the State of Idaho.

**PRODUCT SAFETY WARNING:**

Owl Vans LLC strongly recommends the installation of products be done by a certified mechanic. If this does not occur, be certain the person(s) installing the product read, understand and follow all instructions and warnings pertaining to the application before installation. Do not add, alter, or fabricate any factory or aftermarket parts to increase vehicle height over the intended height of the Owl Vans LLC product purchased. Mixing component brands is not recommended.

Installation of suspension lift kits or any other lifting kits or devices will raise the center of gravity. For this reason, Owl Vans LLC urges that extreme caution be used when encountering driving conditions which may cause vehicle imbalance. Furthermore, the driver's field of vision and judgment will not be as good due to the height of the vehicle. Due to the installation of larger tires, the speedometer will read slower than the actual speed being traveled and more distance will be required to stop the vehicle. It is the owner's responsibility to caution and warn any potential driver of the vehicle about these driving and handling conditions. Owl Vans LLC will not be held liable or responsible for damages or personal injuries resulting from the use of lifting devices and or related products. The tires and rims should be changed to sufficiently increase the vehicle's total overall width and stability to help accommodate lifting devices.

Owl Vans LLC aftermarket suspension products and accessories modify a vehicle for uses which exceed conditions anticipated by the vehicle manufacturer. The uses include the high performance demands required during off-road. These conditions vary in the degree of extremity and cannot be controlled by the vehicle or product manufacturer. If the components within the suspension system or accessories become worn due to frequent and/or extreme use, the safety and reliability of the vehicle is at risk. The maintenance of aftermarket equipment to ensure the vehicle occupants safety is entirely your responsibility. Do not purchase Owl Vans LLC products unless you are willing to accept this responsibility. Do not install any Owl Vans LLC suspension products or accessories unless you feel

competent at installing the product without causing present or future injury to yourself or other vehicle occupants; seek an authorized installation center.

Most states have some type of law limiting vehicle height. The amount of lift allowed, and how the lift can be achieved, varies greatly. Several states offer exemptions for farm and commercial registered vehicles. It is the vehicle owner's responsibility to check state and local laws to ensure that their vehicle will be in compliance.

Owl Vans LLC reserves the right to make changes in design, materials and specifications as deemed necessary without prior notice and without assuming obligation to modify any product previously manufactured. Obligation or liabilities will not be assumed with respect to similar products previously advertised.

This Release of Liability and Product Safety Warning has been read and fully understood by the undersigned and has been explained to me.